

# The CHESS Club for Providers

A Monthly Update for Users of Carolina's Health  
Electronic Surveillance System

## In The Spotlight: Salmonellosis

**CHESS Condition:** Salmonellosis

**Clinical Description:** An illness of variable severity commonly manifested by diarrhea, abdominal pain, nausea, and sometimes vomiting. Asymptomatic infection may occur, and the organism may cause extraintestinal infections.

Annually, physicians, laboratories and other partners report approximately 1200 cases of salmonellosis "Salmonella" to SC DHEC. The CDC estimates that approximately 40,000 cases of salmonellosis are reported annually in the US. Because many milder cases are not diagnosed or reported, the actual number of infections may be 30 or more times greater.

Local providers and laboratories are the link between individual presenting patients and Public health responses. Without reports of illness from local partners, DHEC would not be able to identify and investigate outbreaks of public health significance. South Carolina local disease reporters have provided key information in numerous outbreak investigations and in turn, critical product recalls.

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Salmonellosis is reportable within 7 days in South Carolina. Please see the 2008 List of Reportable Conditions for more information:

[http://www.scdhec.gov/health/disease/docs/reportable\\_conditions.pdf](http://www.scdhec.gov/health/disease/docs/reportable_conditions.pdf)



## E. Coli Made Easy

We have simplified the way E. coli cases are entered into CHESS.

Previously, there were multiple conditions related to E. coli but now those have been consolidated to simple **"Shiga toxin-producing Escherichia coli (STEC)"** for easier entry.

However, please remember to enter any additional serotype data available so we don't lose at data.



## WORD SEARCH... "Reportable Diseases"

T	U	S	V	G	W	H	M	Z	A	U	S	A	A	S
U	S	E	I	F	L	E	N	L	O	H	X	S	Z	M
B	E	A	N	T	A	A	L	H	I	X	U	Z	N	A
E	E	A	L	S	I	E	N	G	H	C	Q	S	E	L
R	B	U	L	M	C	T	E	D	C	N	D	Z	U	L
C	I	E	G	I	O	L	A	O	E	B	Y	R	L	P
U	S	E	R	A	L	N	C	P	S	R	J	L	F	O
L	F	A	Y	O	L	O	E	A	E	X	S	U	N	X
O	V	S	S	Q	T	P	M	L	W	H	A	A	I	J
S	I	I	M	P	I	Q	F	A	L	O	U	K	Y	L
I	S	M	E	N	I	N	G	O	C	O	C	C	A	L
S	I	R	O	S	I	S	O	I	N	I	S	R	E	Y
M	T	G	P	E	R	T	U	S	S	I	S	I	W	D
S	E	U	G	N	E	D	D	G	H	Z	Q	C	S	D
T	Y	R	H	Y	P	B	B	Z	K	V	I	S	C	O

DENGUE GLANDERS HEPATITIS INFLUENZA EASLES MENINGOCOCCAL PERTUSSIS  
 PLAGUE SALMONELLOSIS SHIGELLOSIS SMALLPOX STREPTOCOCCUS TUBERCULOSIS  
 VARICELLA YERSINIOSIS

## HAVE QUESTIONS...WE'VE GOT ANSWERS

# FAQS

### Frequently Asked Questions

Are there any CHESS questions you would like answered? If so, please email your questions to: [CHESSCARESIR@dhec.sc.gov](mailto:CHESSCARESIR@dhec.sc.gov). We will feature your questions in the next issue of CHESS Club for Providers newsletter.

**Question:** Entering a Rapid Flu Culture into CHESS can be confusing, particularly when there are so many types of test. How do I report it into CHESS?

**Answer:**

1. Go to the Lab Report entry screen.
2. At the Ordered Test area, which is directly above the Test Results section, search for influenza. When the list appears in the pop-up window, scroll through and select VIRAL, CULTURE, RAPID, INFLUENZA.
3. Enter date specimen collected, if known.
4. At the Resulted Test area, search for influenza again. Scroll through the list when the pop-up box appears and choose one of these:
  - a. influenza A antigen,
  - b. influenza B antigen, or
  - c. influenza virus identified
5. In the Coded Results area, choose "isolated."
6. In the Text Results area, you may wish to type additional data if it will shed light on the testing or assist with the investigation. If there is any additional data that is not properly captured by using the pre-set boxes, add it here.
7. Click Add Test Results.
8. If you enter a Morbidity Report in addition to the lab, please choose "Influenza, human isolates" as the Condition.

**Question:** What do I do when a lab result is expressed as > or <, such as > 2.000? CHESS displays a error message when I try to put that in the numeric result field.

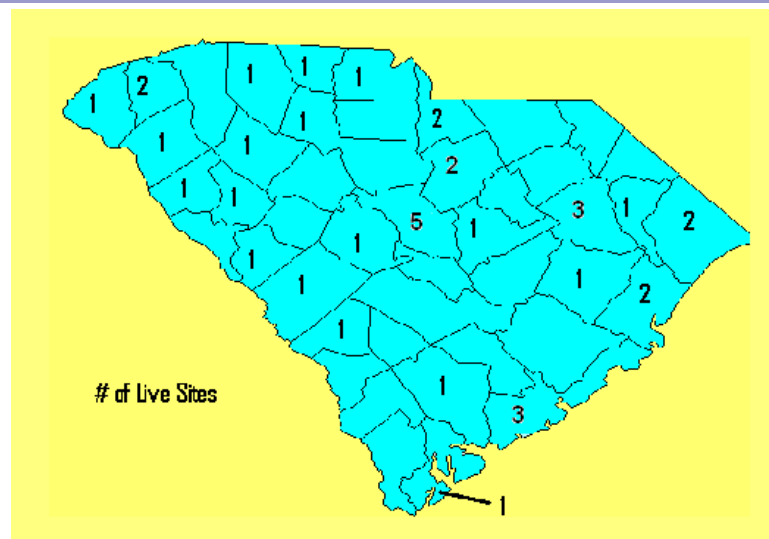
**Answer:** You should be able to put greater than and less than values in the numeric results. Just be sure that there is NO SPACE between the sign and the number.

## ***CHES LIVE—Complete Listing of Providers***

- ♦ Aiken Regional Medical Ctr.
- ♦ AnMed Health
- ♦ Abbeville Count Hospital
- ♦ Barnwell County Hospital
- ♦ Benedict College Student Health Center
- ♦ Cannon Memorial Hospital
- ♦ Carolina Hospital System
- ♦ Carolina Infectious Disease and Critical Care Associates
- ♦ Charleston Air Force Base
- ♦ Colleton Hospital
- ♦ Columbia College Gray Health Center
- ♦ Conway Hospital
- ♦ Eau Claire Cooperative Health Centers
- ♦ Edgefield County Hospital
- ♦ Georgetown Memorial Hospital
- ♦ Kershaw County Medical Ctr.
- ♦ Lake City Memorial Hospital
- ♦ Laurens County Hospital
- ♦ Lifepoint, Inc.
- ♦ Loris Community Hospital
- ♦ Marion County Medical Center
- ♦ MUSC Family Medicine
- ♦ New Day Family Practice
- ♦ Oconee Memorial Hospital
- ♦ Palmetto Baptist Easley
- ♦ Parris Island Preventive Medicine
- ♦ Providence Hospital
- ♦ Spartanburg Regional Medical Ctr.
- ♦ Shaw Airforce Base
- ♦ Three Rivers Behavioral Health
- ♦ Pee Dee Family Practice
- ♦ Self Memorial Hospital
- ♦ Sentinel Health Partners (Elgin)
- ♦ Upstate Carolina Medical Ctr.
- ♦ Wallace Thompson Hospital
- ♦ Williamsburg Regional Hospital
- ♦ Winthrop University Health Ctr.
- ♦ Waccamaw Community Hospital

## ***CHES Live Around the State...***

Currently 38 healthcare facilities are using CHES!



## By The Numbers— South Carolina 2008 So Far

Condition	Confirmed	Probable	Total
Animal Bite—PEP Recommended	40		40
Aseptic meningitis	13		13
Botulism, Infant	1		1
Brucellosis			
Campylobacteriosis	36		36
Ciguatera fish poisoning			
Cryptosporidiosis	6		6
Cyclosporiasis			
Dengue Fever			
Ehrlichiosis- human granulocytic			
Ehrlichiosis- human monocytic			
Ehrlichiosis- human- other&unspec			
Encephalitis- West Nile			
Enterohem. E.coli O157:H7	1		1
Enterohem.E.coli shigatox+- ?serogrp	1		1
Giardiasis	25		25
Group A Streptococcus- invasive	12		12
Group B Streptococcus- invasive	8		8
Haemophilus influenzae- invasive	7		7
Hemolytic uremic synd- postdiarrheal			
Hepatitis A- acute	2		2
Hepatitis B- acute	12		12
Hepatitis B virus infection—Chronic	22	107	129
Hepatitis B virus infection—Perinatal			
Hepatitis C- acute			
Hepatitis C Virus Infection- past or present	829	57	886
Hepatitis Delta co- or super-infection- acute			
Hepatitis E- acute			
Influenza- human isolates	161		161
Legionellosis	2		2
Listeriosis	1		1
Lyme disease	1	2	3
Malaria			
Mumps			
Neisseria meningitidis- invasive (Mening. disease)	7	1	8
Pertussis	6	5	11
Rocky Mountain spotted fever			
S. aureus, vancomycin intermediate susc (VISA)			
Salmonellosis	136		136
Shiga toxin-producing Escherichia coli (STEC)	2	2	4
Shigellosis	87	2	89
Strep pneumoniae- invasive	175		175
Streptococcal disease- invasive- other	1		1
Tetanus			
Toxic-shock syndrome- staphylococcal			
Varicella (Chickenpox)	91	102	193
Vibrio parahaemolyticus			
Vibrio spp.- non-toxigenic- other or unspecified	1		1
Vibrio vulnificus infection			
West Nile Fever			
Yersiniosis	1		1

## The Bulletin Board

### Save the Date

Are you hosting an event? Are there any events you would like to see posted? Is there an event you would like the CARES IR/CHESS training team to attend?

If so, please send event information to

Lisa Still,

at [CHESSCARESIR@dhec.sc.gov](mailto:CHESSCARESIR@dhec.sc.gov)

Or call the CHESS/CARES IR Help Desk at  
1-800-917-2093



## Keep In Touch

### ~The Help Desk ~

Your input is important to us! So please call us with your comments and suggestions. If you need to add new users we are here to support your CHESS use. If you have a questions, your CHESS training team is only a phone call away!

Ring the Help Desk Line @ **1-800-917-2093**

[CHESSCARESIR@dhec.sc.gov](mailto:CHESSCARESIR@dhec.sc.gov)

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